UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 7,185,269 B2
APPLICATION NO. : 10/612678
DATED   : February 27, 2007
INVENTOR(S)   : William Mar et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Title Page Item 30 "Foreign Application Priority Data" please delete "91114690" and replace it with --091114690--.

Column 1 beginning at line 55, please delete "Accordingly, the transfer function can be adjusted into "Y(D)/X(D)=PR(1,1)=1+D", "Y(D)/X(D)=PR (1,2,1)=1+2*D+D$\hat{0}$2" or "Y(D)/X(D)=PR(1,1,1)=1+D+D$\hat{0}$2+D$\hat{0}$3"." and replace it with --Accordingly, the transfer function can be adjusted into "Y(D)/X(D) = PR(1,1) = 1 + D", "Y(D)/X(D) = PR(1,2,1) = 1 + 2 * D + D^2" or "Y(D)/X(D) = PR (1,1,1) = 1 + D + D^2 + D^3".--.

Column 1, line 66, please delete "PR(1,2,1) = 1 + 2*D + D$\wedge$2" and replace it with --PR(1,2,1) = 1 + 2*D + D^2--.

Column 2 beginning at line 5, please replace "PR(1,1,1,1) = 1 + D + D$\wedge$2 + D$\wedge$3" with --PR(1,1,1,1) = 1 + D + D^2 + D^3--.

Column 5 beginning at line 25, please replace "Then, branch metric values (y(k)-2$\hat{0}$2, (y(k)-1)$\hat{0}$2, (y(k))$\hat{0}$2, (y(k)+1)$\hat{0}$2, (y(k)+2)$\hat{0}$2, (y(k-1)-1.5)$\hat{0}$2, (y(k-1)-1)$\hat{0}$2, (y(k-1))$\hat{0}$2, (y(k-1)+1)$\hat{0}$2, (y(k-1)+1.5)$\hat{0}$2 are obtained" with --Then, branch metric values (y(k)-2)^2, (y(k)-1)^2, (y(k))^2, (y(k)+1)^2, (y(k)+2)^2, (y(k-1)-1.5)^2, (y(k-1)-1)^2, (y(k-1))^2, (y(k-1)+1)^2, (y(k-1)+1.5)^2 are obtained--.

Column 6 beginning at line 13, please replace "to output the branch metric values (y(k)-2)$\hat{0}$2 (y(k))$\hat{0}$2, (y(k)+2)$\hat{0}$2, (y(k)+2)$\hat{0}$2, (y(k-1)-1.5)$\hat{0}$2, (y(k-1)-1)$\hat{0}$2, (y(k-1))$\hat{0}$2) (y(k-1)+1)$\hat{0}$2, (y(k-1)+1.5)$\hat{0}$2 to the adder-comparator-selector unit 52" with

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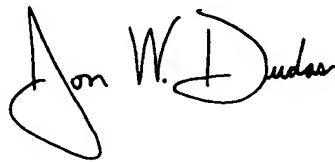DATED   : February 27, 2007
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

--to output the branch metric values $(y(k)-2)^2$, $(y(k)-1)^2$, $(y(k))^2$, $(y(k)+1)^2$, $(y(k)+2)^2$, $(y(k-1)-1.5)^2$, $(y(k-1)-1)^2$, $(y(k-1))^2$, $(y(k-1)+1)^2$, $(y(k-1)+1.5)^2$ to the adder-comparator-selector unit 52--.

Signed and Sealed this

Twenty Second Day of April, 2008

JON W. DUDAS
Director of the United States Patent and Trademark Office